













APPENDICES

Effect of resveratrol on total protein and albumin in type II diabetes wound healing in rats

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Appendix 1: The weight of Wistar rats of type ii diabetic wound healing treated with resveratrol

GROUP	Mean \pm SEM
I	165.87 \pm 11.6 ^{b,d}
II	210.02 \pm 8.62 ^a
III	194.1 \pm 9.12
IV	215.43 \pm 14.08 ^a

a = significant difference (P< 0.05) when compared to the normal control group.

b = significant difference (P< 0.05) when compared to the diabetic control group.

d = significant difference (P< 0.05) when compared to the group treated with Resveratrol 20 mg/kg. n= 5.

Appendix 2: Fasting blood glucose level of type ii diabetic wound healing in Wister rats' treatment with resveratrol

GROUP	Mean \pm SEM
I	70.59 \pm 3.41 ^{b,c,d}
II	186.98 \pm 55.08 ^a
III	183.57 \pm 58.03 ^a
IV	187.33 \pm 54.19 ^a

a = significant difference (P< 0.05) when compared to the normal control group.

b = significant difference (P< 0.05) when compared to the diabetic control group.

c = significant difference (P<0.05) when compared to the group treated with Resveratrol 10 mg/kg.

d = significant difference (P< 0.05) when compared to the group treated with Resveratrol 20 mg/kg. n=5.

Appendix 3: Effect of resveratrol on the total protein and total albumin concentration across the animal groups

GROUP	Total Protein (g/dL)	Total Albumin (g/dL)
Wound	18.1 \pm 1.14	2.8 \pm 0.95
Diabetic wound	18.7 \pm 1.18	3.16 \pm 0.42
Diabetic wound + Res (10 mg/kg)	16.8 \pm 1.40	3 \pm 0.45
Diabetic wound + Res (20 mg/kg)	17.12 \pm 1.30	3.5 \pm 0.22

Results are presented as Means \pm SEM. n=5.